

Claims

[c1] What is claimed is:

1.A method for building an ACPI architecture according to an ID code of a device connected to a bus during the booting period of a computer system, the method comprising:

(a) storing ASL codes of a plurality of the same type of devices in the BIOS of the computer system:

(b) detecting the ID code of the device type connected to the computer system during the POST period;and

(c) loading the ASL code corresponding with the ID code detected in step (b) to a memory of the computer system and not loading ASL codeshaving ID codesnot detected in step (b) to the memory of the computer system.

[c2] 2.The method of claim 1 wherein the ID code in step (b) and (c) is a PnP ID code.

[c3] 3.The method of claim 1 further comprising handing over the control authority of the computer system from the BIOS to an operating system of the computer system after finishing the BIOS initialization, utilizing the operating system to load a driver corresponding with the device type connected to the computer system according to

the ACPI architecture obtained in step (c), and building ACPI Tables in the operating system.

- [c4] 4.The method of claim 1 wherein in step (a) the type of the device is a display chip.
- [c5] 5.The method of claim 1 wherein in step (c) the memory of the computer system is a random access memory (RAM).
- [c6] 6.The method of claim 1 wherein the BIOS is stored in a non-volatile memory.